

08-17-01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 678-724 (P9876)

First Inventor Takahiko KISHI

Title Digital Down-Converter and Receiver

Express Mail Label No. EL 918828605US

002 U.S. PTO 09/16/01

08/16/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)
- 2. Applicant claims small entity status. See 37 CFR 1.27.
- 3. Specification (Total Pages
 (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- 4. Drawing(s) (35 U.S.C. 113) [Total Sheets]
- 5. Oath or Declaration [Total Pages]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- 6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9. Assignment Papers (cover sheet & document(s))
- 10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney
- 11. English Translation Document (if applicable)
- 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- 17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

Name	Paul J. Farrell, Esq.				
Address	DILWORTH & BARRESE, LLP				
	333 Earle Ovington Blvd.				
City	Uniondale	State	New York	Zip Code	11553
Country	U.S.A.	Telephone	(516) 228-8484	Fax	(516) 228-8516

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494
Signature		Date	August 16, 2001

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918828605 US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: August 16, 2001

Michael J. Porco

08/16/01
Jc849 U.S. PTO

009344214 08/16/01

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	Not yet assigned
Filing Date	August 16, 2001
First Named Inventor	Takahiko KISHI
Examiner Name	
Group Art Unit	Not yet assigned
Attorney Docket No.	678-724 (P9876)

TOTAL AMOUNT OF PAYMENT (\$) 750.00

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 04-1121
Deposit Account Name: DILWORTH & BARRESE, LLP
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27
2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES		Fee Description	Fee Paid
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)		
105	130 205 65	Surcharge - late filing fee or oath	
127	50 227 25	Surcharge - late provisional filing fee or cover sheet	
139	130 139 130	Non-English specification	
147	2,520 147 2,520	For filing a request for <i>ex parte</i> reexamination	
112	920* 112 920*	Requesting publication of SIR prior to Examiner action	
113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action	
115	110 215 55	Extension for reply within first month	
116	390 216 195	Extension for reply within second month	
117	890 217 445	Extension for reply within third month	
118	1,390 218 695	Extension for reply within fourth month	
128	1,890 228 945	Extension for reply within fifth month	
119	310 219 155	Notice of Appeal	
120	310 220 155	Filing a brief in support of an appeal	
121	270 221 135	Request for oral hearing	
138	1,510 138 1,510	Petition to institute a public use proceeding	
140	110 240 55	Petition to revive - unavoidable	
141	1,240 241 620	Petition to revive - unintentional	
142	1,240 242 620	Utility issue fee (or reissue)	
143	440 243 220	Design issue fee	
144	600 244 300	Plant issue fee	
122	130 122 130	Petitions to the Commissioner	
123	50 123 50	Processing fee under 37 CFR 1.17(q)	
126	240 126 240	Submission of Information Disclosure Stmt	
581	40 581 40	Recording each patent assignment per property (times number of properties)	\$40
146	710 246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710 249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710 279 355	Request for Continued Examination (RCE)	
169	900 169 900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

FEE CALCULATION

1. **BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710 201 355	Utility filing fee	\$710.00
106	320 206 160	Design filing fee	
107	490 207 245	Plant filing fee	
108	710 208 355	Reissue filing fee	
114	150 214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 710.00

2. **EXTRA CLAIM FEES**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
8	2		-20** = 0	18	\$0
			-3** = 0	80	\$0
				270	\$0

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103	18 203 9	Claims in excess of 20	
102	80 202 40	Independent claims in excess of 3	
104	270 204 135	Multiple dependent claim, if not paid	
109	80 209 40	** Reissue independent claims over original patent	
110	18 210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

SUBMITTED BY

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494	Telephone	(516) 228-8484
Signature		Date	August 16, 2001		

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL 918828605 US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: August 16, 2001

Michael J. Forco

PATENT

Atty. Docket No. 678-724 (P9876)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner
for Patents
Washington, D.C. 20231

UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. § 1.76

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Takahiko KISHI

For: DIGITAL DOWN-CONVERTER AND RECEIVER

Enclosed are:

[X] 15 page(s) of specification

[X] 1 page(s) of Abstract

[X] 2 page(s) of claims

[X] 4 sheets of drawings [X] formal [] informal

[X] 2 page(s) of Declaration and Power of Attorney

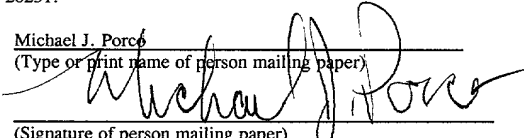
ASSIGNEE NAME: SAMSUNG ELECTRONICS CO., LTD.

ASSIGNEE RESIDENCE: KYUNGKI-DO, KOREA

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date August 17, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918828605 US addressed to: Attn: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Michael J. Porco
(Type or print name of person mailing paper)


(Signature of person mailing paper)

This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s):

APPLICATION NO(S):

FILING DATE

_____/_____/_____

_____/_____/_____

Certified copy of applications

Country

Appln. No.

Filed

KOREA

247862/2000

August 17, 2000

from which priority under Title 35 United States Code, § 119 is claimed
 is enclosed.

will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$710.00
TOTAL CLAIMS	8	0	x 18 =	\$ 0.00
INDEPENDENT CLAIMS	2	0	x 80 =	\$ 0.00
<input type="checkbox"/> Multiple Dep. Claim	0		\$270	\$ 0.00
			TOTAL	\$ 710.00

The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

Checks in the amount of \$ 710.00 to cover the filing fee(s), and \$40.00 to cover the recording fee are attached.

Charge fee to Deposit Account No. 04-1121. Order No. _____
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: August 16, 2001



Paul J. Farrell

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*Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C.F.R. § 1.75(c).

FOR FILING